

Rapid HIV Testing of Women in Labor & Delivery: A Practical Guide & Model Protocol

Margaret Lampe
Epidemiology Branch,
DHAP, CDC

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Contributors

- Bernard Branson, CDC
- Sindy Paul, NJ DOH
- Carolyn Burr, FXB (NPHRC)
- Elaine Gross, FXB (NPHRC)
- Robert Maupin, LSU (MIRIAD)
- Cyndie Eicher, LSU (Laboratory)

- Brian Forsythe, Yale (Pediatrics)
- Dawn Averitt, Consumer

- Mary Glenn Fower, CDC

Background

- ~280-370 perinatally HIV-infected infants in 2000
- The ideal time for initial HIV testing and treatment is pre-conception, next best is early in prenatal care.
- ~40% of infected infants, maternal HIV status unknown to provider prior to L&D.
- ART can reduce MTCT up to 50% even when begun during L&D.
- “Good” rapid tests are now available in the U.S.
- Rapid testing in L&D is logistically feasible (MIRIAD & others)

Purpose of this Model Protocol

- Practical guidance to:
 - Clinicians
 - Laboratorians
 - Hospital Administrators
 - Public Health Program & Data Professionals
 - Policy Makers
- Provide general structure of a rapid HIV testing protocol, can be adapted locally

General Components

1. Planning & Implementing- considerations in preparation
 - Location of Testing (Lab or Point-of-Care)
 - Interpretation of Test Results
 - *What does a positive rapid test actually mean?*
 - System to access prenatal HIV test results
 - Making decision on the type of rapid testing to do
 - *OraQuick, Reveal, SUDS?*
 - Educating/Training L&D staff

Key Elements of a Local Protocol

- Determining eligibility for rapid testing
- Ensuring confidentiality
- Suggested approaches to testing—informed consent issues to consider
- Currently approved test kits
- Interpreting results and confirmatory testing

Key Elements (cont.)

- Providing results—posttest counseling
 - Providing NEGATIVE results
 - Providing POSITIVE results
- Peripartum Clinical Management
 - USPHS Guidelines
 - www.aidsinfo.nih.gov/guidelines/
 - Scenarios 3 & 4
 - Intrapartum OB care
 - Is there a role for Cesarean section?

Key Elements (cont.)

- Neonatal Care
- Communication with Pediatricians
- Follow-up of mother & infant
 - key referrals
- Reporting HIV/AIDS

Management Considerations- Preparation, Education & Training

- Key players to involve
- Educating L&D staff
 - Who to train
 - Content
 - Strategies/Methods
- Training Essentials for Persons Performing Rapid Testing
- Ensuring Proficiency & Competency

Appendices

- Model documents for offering testing
- Manufacturer instructions for approved tests
- Boxed case studies
 - How did start-up & implementation work in New Jersey and New Orleans?
- Dear Colleague Letter from Dr. Jaffe & Dr. Gerberding

Interested?

- Available in fall 2003
- CDC website
 - www.cdc.gov/hiv/projects/perinatal/
- Citable source -- TBD

Want to provide input or get info?

MLampe@cdc.gov

404.639.5189

Thank You